

FIG. 1
(PRIOR ART)

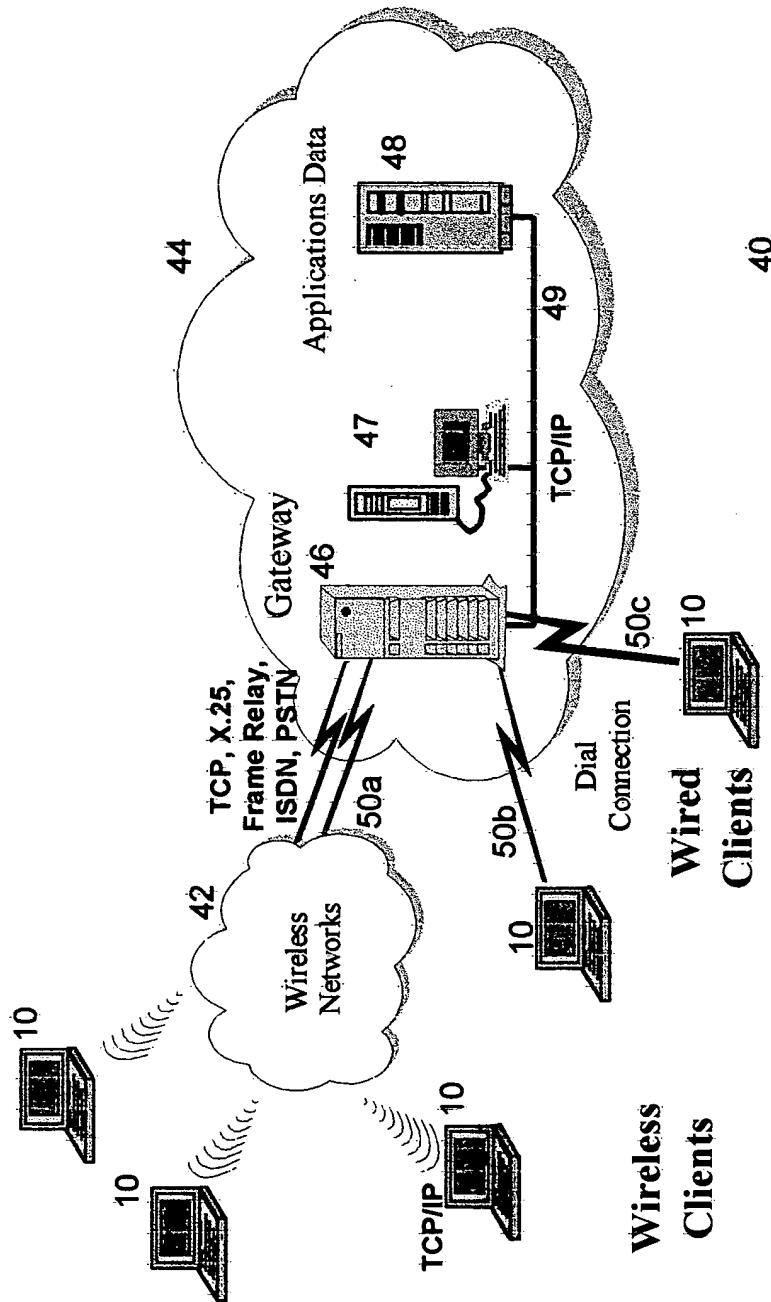


FIG. 2
(PRIOR ART)

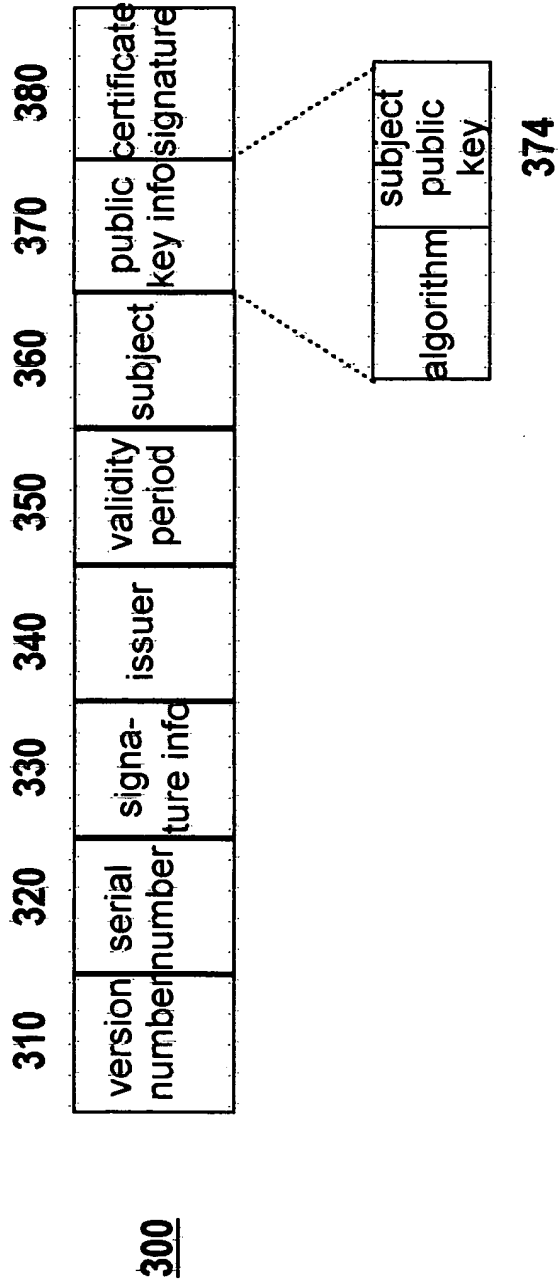


FIG. 3

FIG. 4

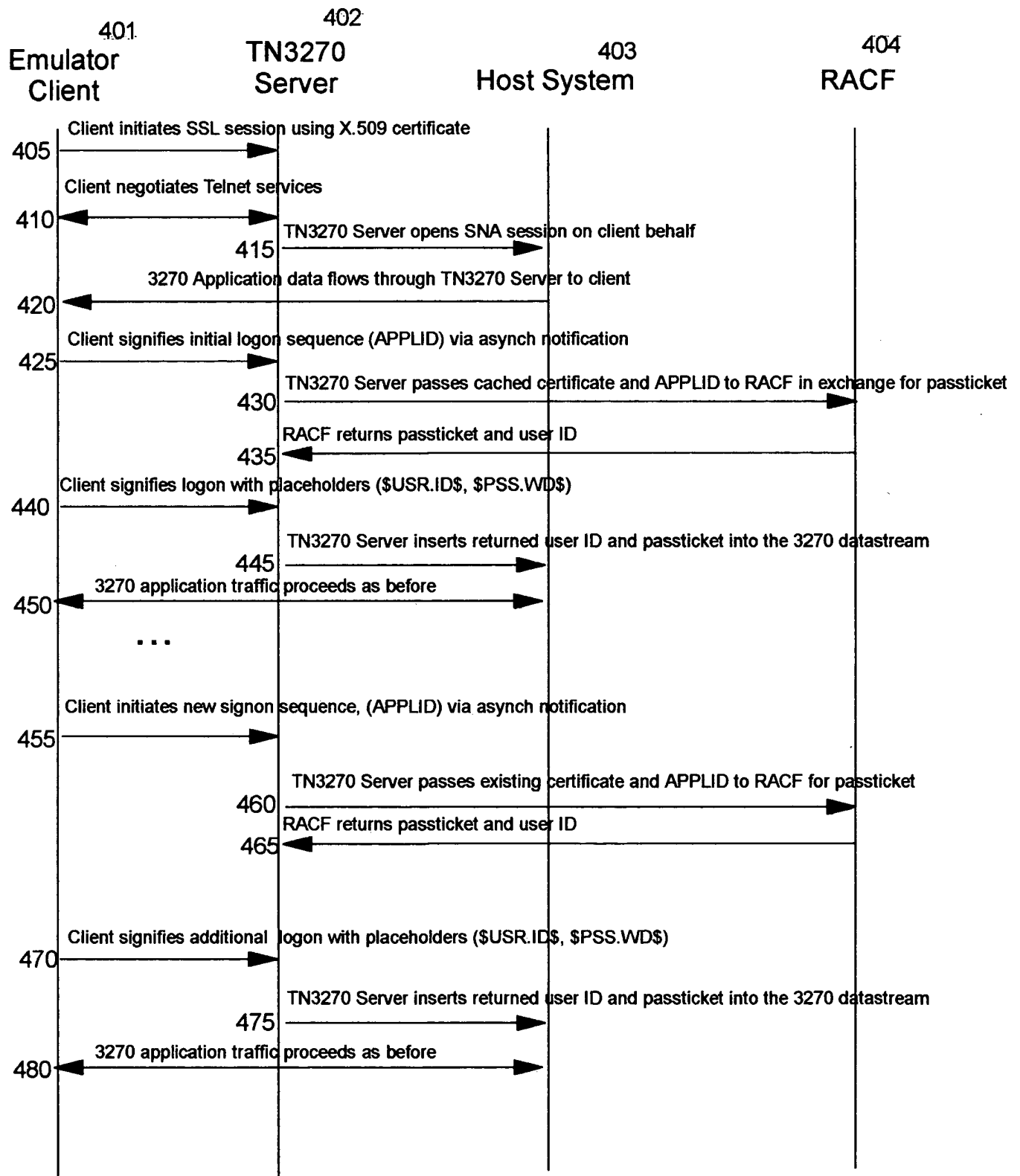


FIG. 5

Client

Server

Telnet negotiations in progress between Client and Server...

<-- IAC DO NEW-ENVIRON

IAC WILL NEW-ENVIRON -->

<-- IAC SB NEW-ENVIRON SEND
USERVAR PASSTICKET
USERVAR APPLID
IAC SE

510

IAC SB NEW-ENVIRON IS -->
USERVAR PASSTICKET VALUE YES
USERVAR APPLID VALUE
IAC SE

...

Finish Telnet negotiations.

Server sends USS MSG10.

Client starts Logon macro

525

IAC SB NEW-ENVIRON INFO --->
USERVAR APPLID VALUE RALVMS
IAC SE

...

555

IAC SB NEW-ENVIRON INFO --->
USERVAR APPLID VALUE TSO1
IAC SE

Downloaded by [unclear]

FIG. 6

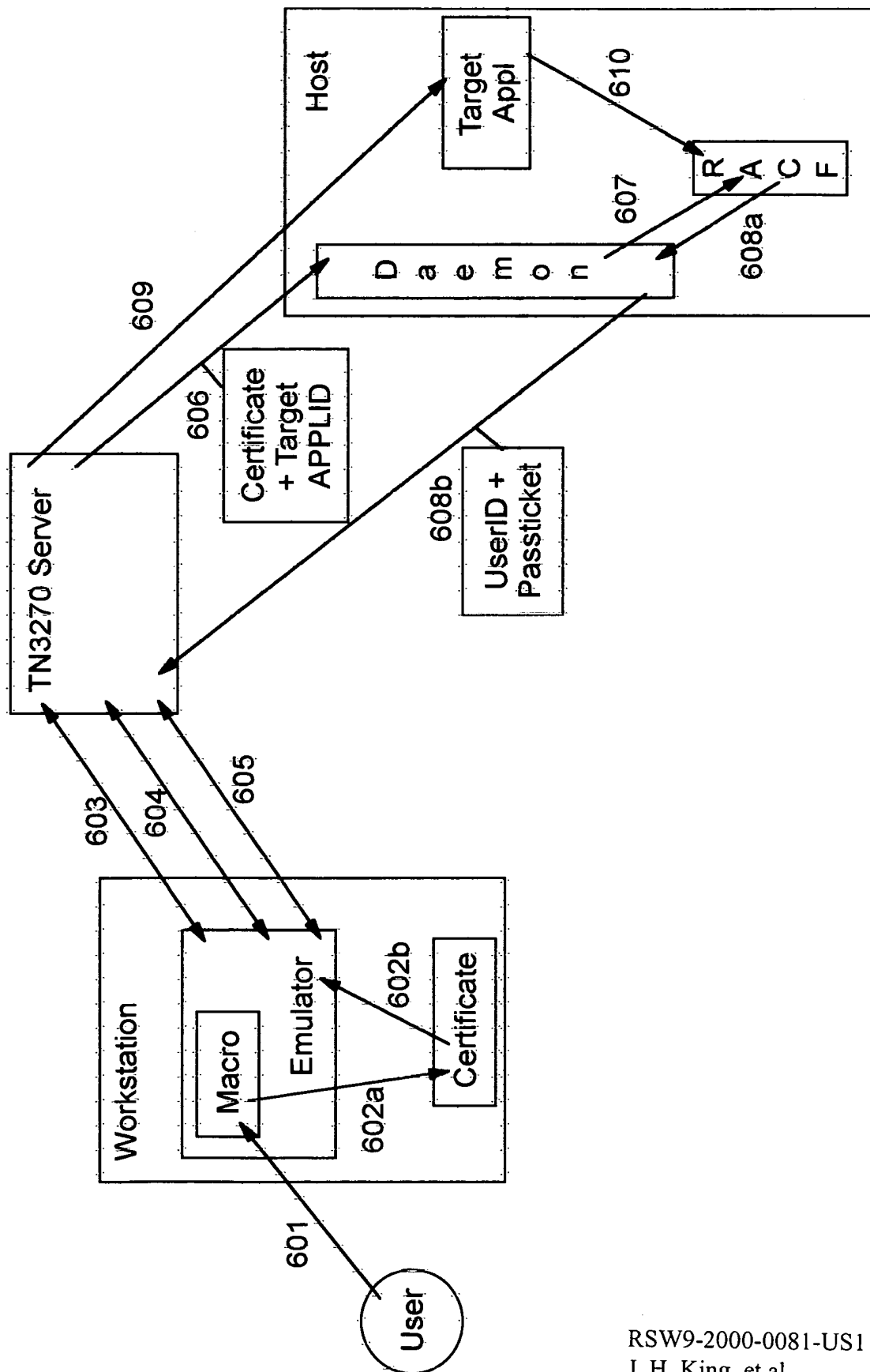


FIG. 7

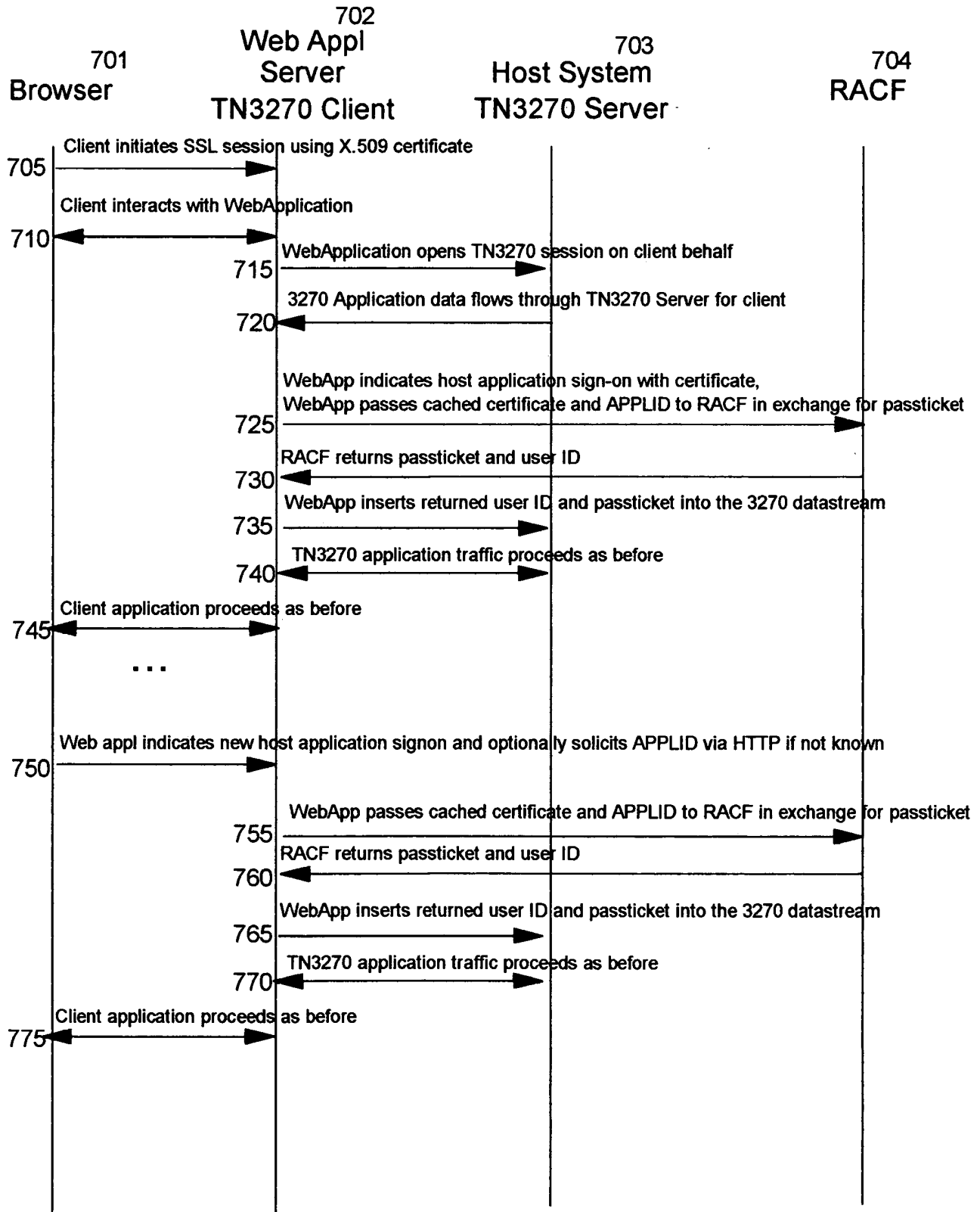
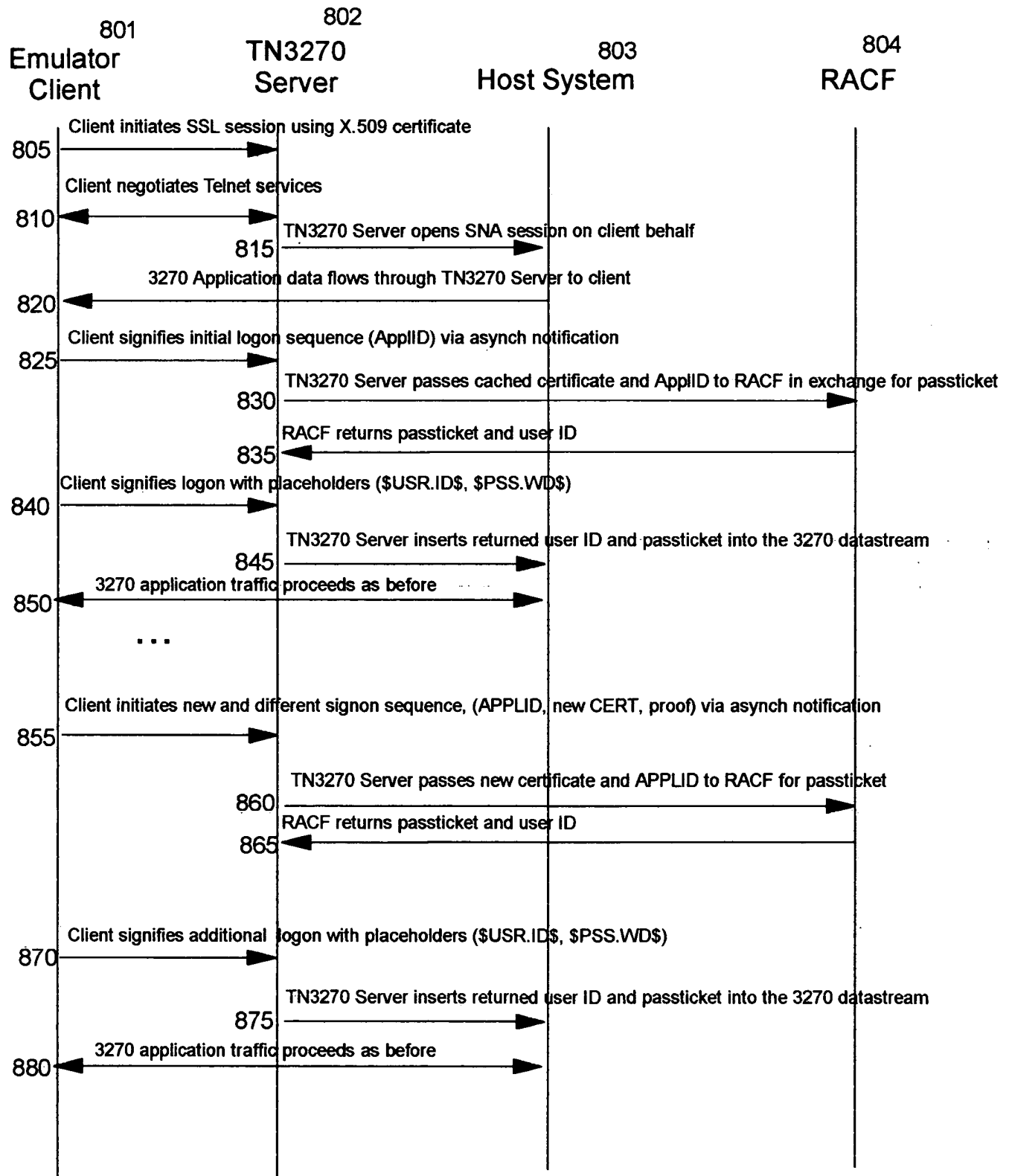


FIG. 8



Client

Server

```
<-- IAC DO NEW-ENVIRON
```

IAC WILL NEW-ENVIRON -->

```
<-- IAC SB NEW-ENVIRON SEND
USERVAR PASSTICKET
USERVAR APPLID
USERVAR CERTIFICATE
USERVAR RSEEDRandomvalue
USERVAR AUTHINFO
IAC SE
```

```
IAC SB NEW-ENVIRON IS      -->
USERVAR PASSTICKET VALUE YES
USERVAR APPLID VALUE
USERVAR CERTIFICATE VALUE
USERVAR RSEEDRandomvalue VALUE
USERVAR AUTHINFO VALUE
IAC SE
```

Finish Telnet negotiations.

Server sends USS MSG10.

Client starts Logon macro

```

IAC SB NEW-ENVIRON INFO      --->
USERVAR APPLID VALUE RALVMS
IAC SE

```

```
IAC SB NEW-ENVIRON INFO      --->
USERVAR APPLID VALUE TSO1
USERVAR CERTIFICATE VALUE <certificate contents>
USERVAR AUTHINFO <random || sequence number || applid value>
IAC SE
```